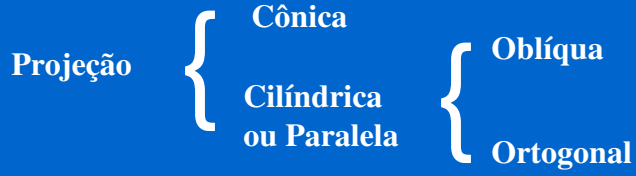
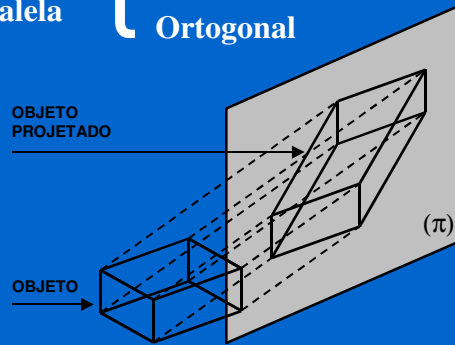


•
• **Perspectiva Cavaleira**

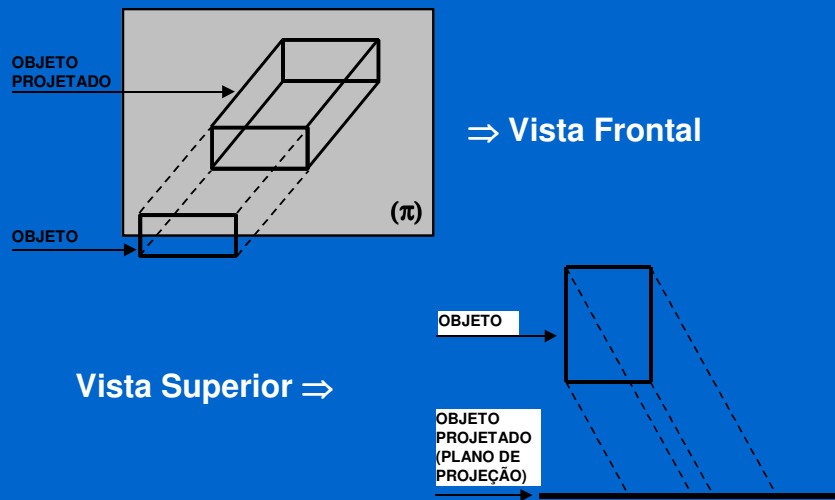
Classificação das projeções



• **Perspectiva Cavaleira : Projeção Cilíndrica Oblíqua**



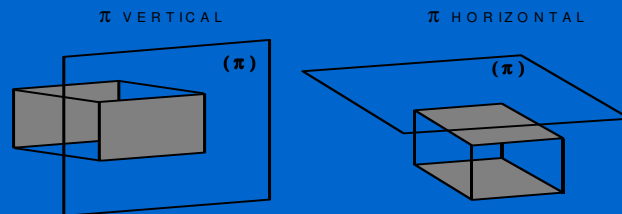
•
• **Perspectiva Cavaleira : Vistas**



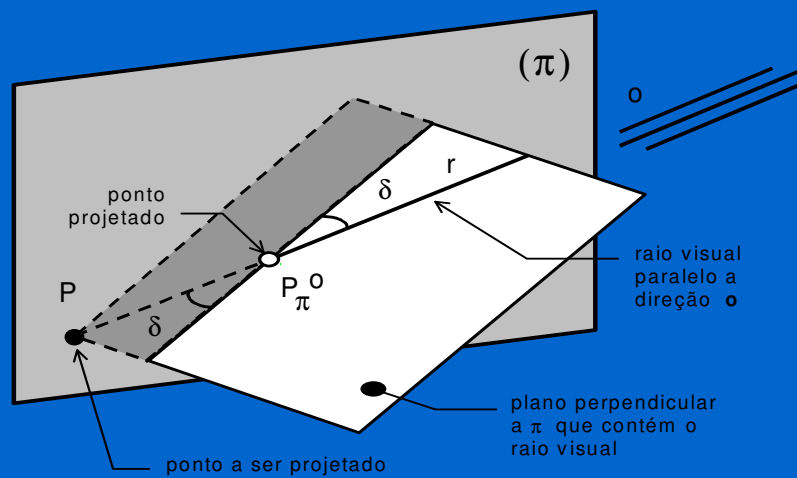
• Perspectiva Cavaleira e Perspectiva Militar

Características :

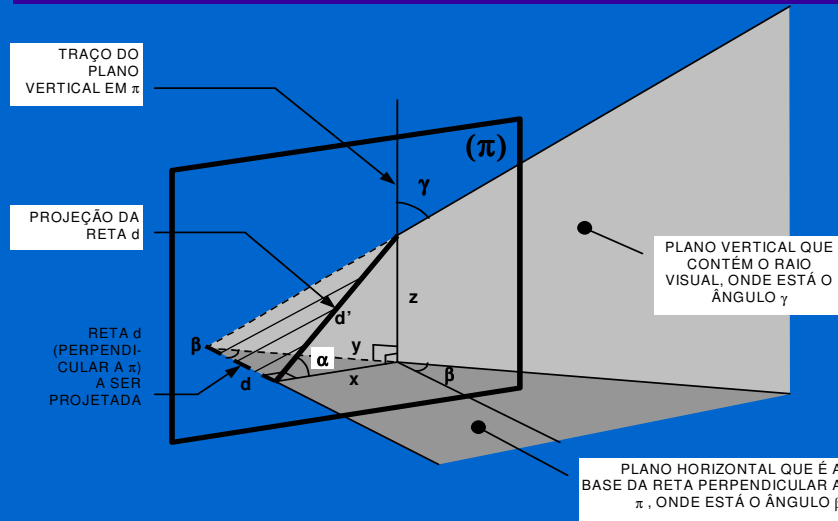
- Principal representante das projeções cilíndricas oblíquas.
- Possui uma das faces do objeto paralela ao plano de projeção.
- Projeção das faces em verdadeira grandeza.



• Perspectiva Cavaleira: Ângulo do raio visual (δ)



Perspectiva Cavaleira: Decomposição do Ângulo (δ)

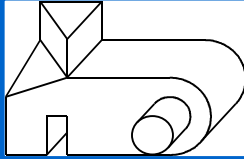


Perspectiva Cavaleira: Coeficiente K e Ângulo (α)

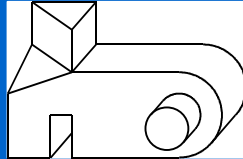
$k (d'/d)$	ALFA (α)	BETA (β)	GAMA (γ)
1	15,00	44,01	79,45
3/4	15,00	35,92	81,07
1	30,00	40,89	69,30
3/4	30,00	33,00	72,54
2/3	30,00	30,00	73,90
3/4	45,00	27,94	64,90
2/3	45,00	25,24	66,91
1/2	45,00	19,47	71,57
2/3	60,00	18,43	61,29
1/2	60,00	14,04	67,21
1/3	60,00	9,46	74,11
1/2	75,00	7,37	64,41
1/3	75,00	4,93	72,21

$k (d'/d)$	ALFA (α)	BETA (β)	GAMA (γ)
2,08	73,90	30,00	30,00
1,29	63,43	30,00	45,00
0,88	49,11	30,00	60,00
2,65	67,79	45,00	30,00
1,73	54,74	45,00	45,00
1,29	39,23	45,00	60,00
3,87	63,43	60,00	30,00
2,65	49,11	60,00	45,00
2,08	33,69	60,00	60,00

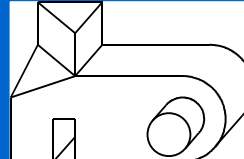
•
• **Perspectiva Cavaleira: Comportamento de K e α**



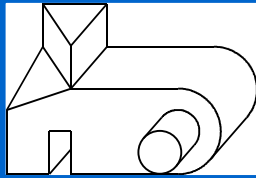
$\alpha = 30^\circ ; k=1$



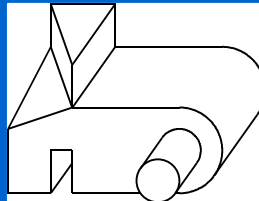
$\alpha = 30^\circ ; k = 2/3$



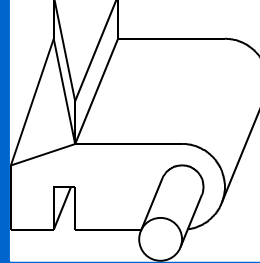
$\alpha = 30^\circ ; k = 3/4$



$\beta = 30^\circ ; \gamma = 45^\circ$

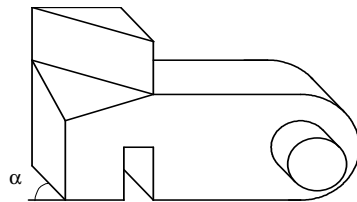


$\beta = 45^\circ ; \gamma = 45^\circ$

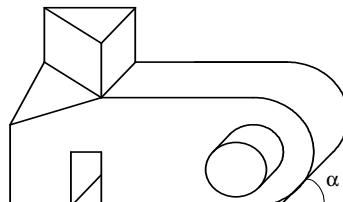


$\beta = 45^\circ ; \gamma = 30^\circ$

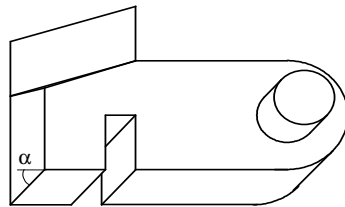
•
• **Perspectiva Cavaleira: Posições**



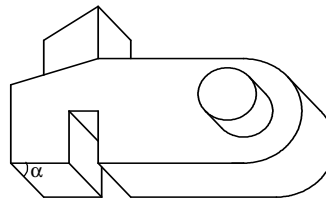
2º quadrante



1º quadrante



3º quadrante

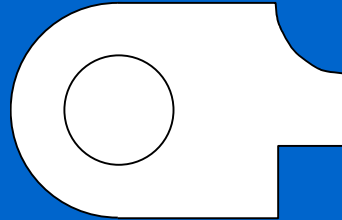


4º quadrante

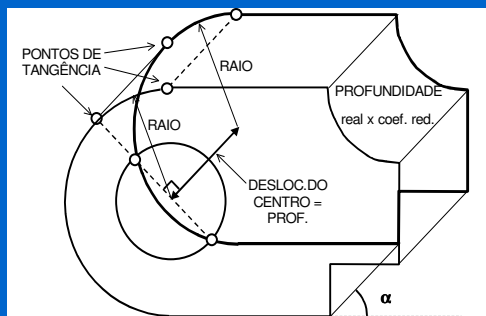
• • Perspectiva Cavaleira: Construção

- Caixa auxiliar;
- Blocos;
- Escolha da face mais representativa (detalhes curvos);
- Escolha do ângulo α , k e quadrante.

Face Base \Rightarrow

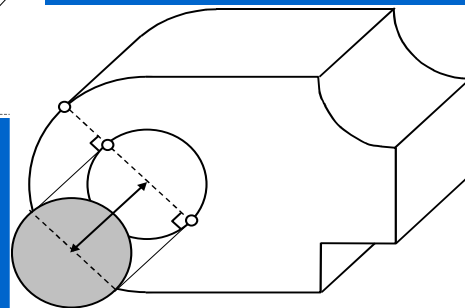


• • Perspectiva Cavaleira: Construção



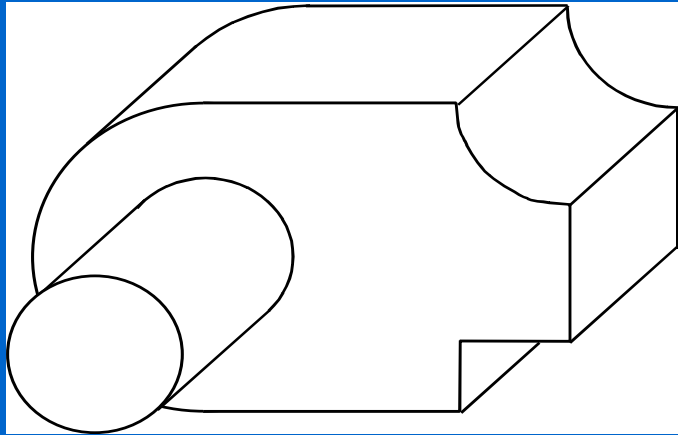
\Rightarrow Face Posterior

Face Anterior \Rightarrow

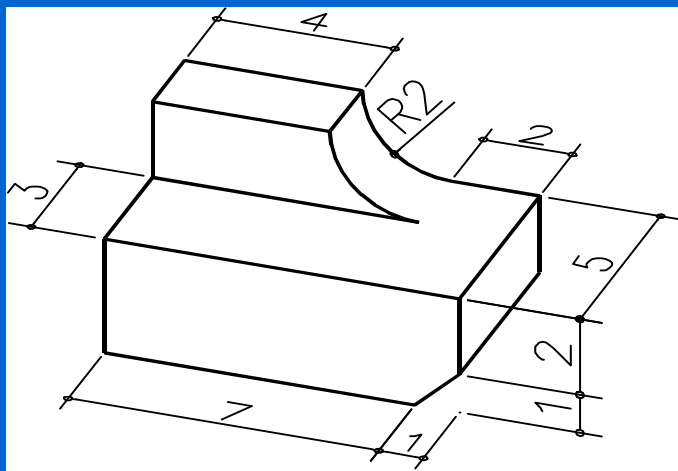


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- **Perspectiva Cavaleira: Construção**

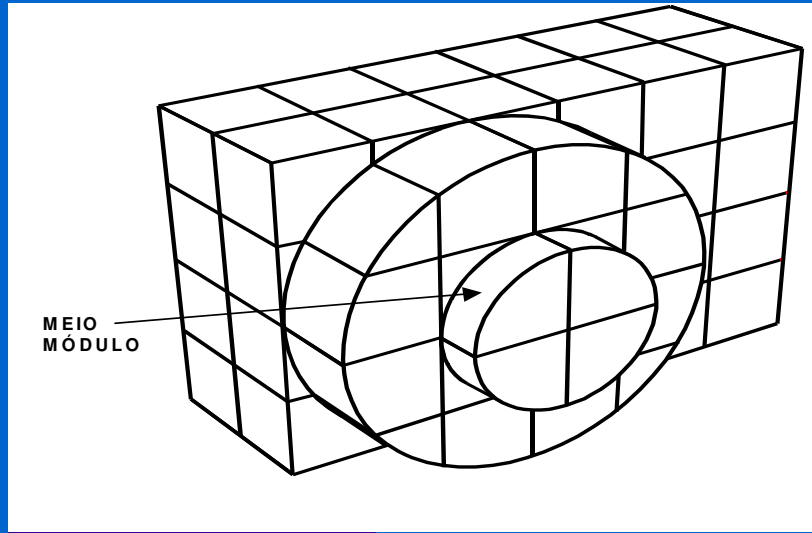
Perspectiva Cavaleira Pronta



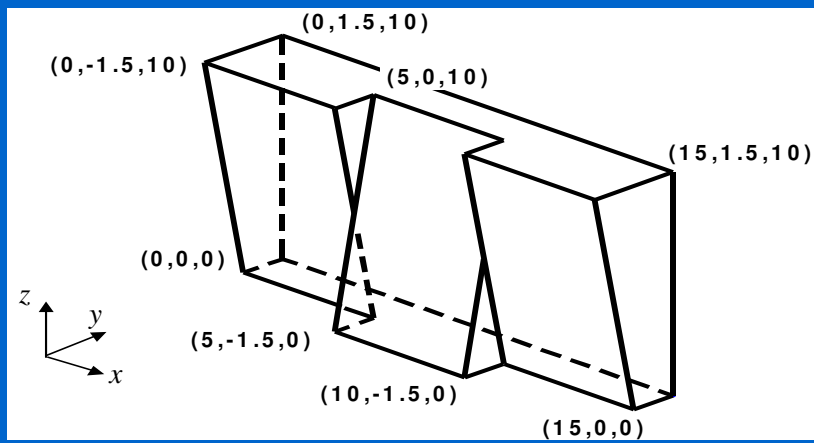
-
- **Perspectiva Cavaleira: Exercício 1**



•
• **Perspectiva Cavaleira: Exercício 2**



•
• **Perspectiva Cavaleira: Exercício 3**



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• **Perspectiva Cavaleira: Exercício 4**

